Queclink
WIRELESS SOLUTIONS

Features

- 🚫 Covert Installation
- ✳ BLE 4.0
- 🐷 Cost Effective
- 📡 OTA Control
- 🔢 Scheduled Timing Report
- 🚧 Geo-fences
- 🚗 Crash Detection
- 🎯 Driving Behavior Monitoring
- ⤳ Tow Alarm
- ⏻ Power On Alarm

GV50 Series (LTE)

Cost effective mini LTE CAT-M1 (eMTC) GPS tracking devices with Bluetooth for a wide range of light duty applications

⚖ 50g	📇 87mm(L) × 55mm(W) × 12.5mm(H)
🌡 -30℃ ~ +80℃	🔋 Operating Voltage: 8V to 32V DC Li-Polymer, 190 mAh

The GV50 series (LTE) is a range of GNSS trackers designed for a wide variety of simple vehicle tracking applications, including vehicle finance asset protection, stolen vehicle recovery and simple fleet management. Vehicle trackers within the series support LTE CAT-M1 (eMTC) / LTE CAT-M2 (NB-IoT) on many bands suitable for North American and European Cellular Operators. The GV50 series offers Bluetooth Low Energy and basic digital I/Os that can be used for monitoring or controlling external peripherals.

📍 Automobile Finance

📍 Car Leasing

📍 Stolen Vehicle Recovery

GV50 Series Models (LTE)

	Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GV50MA	North America	LTE eMTC LTE B2/B4/B12/B13	Qualcomm Gen 8C GNSS receiver	Autonomous: < 2.5m	FCC/Verizon
GV50ME	Europe	LTE eMTC/NB-IoT/GSM LTE B3/B8/B20 GSM 900/1800 MHz	Qualcomm Gen 8C GNSS receiver	Autonomous: < 2.5m	CE/E-Mark

Appearance

Product Model (GV50MA/GV50ME)

CEL LED / GNSS LED

7 PIN Interface

Interfaces

Digital Input	1 positive trigger input for ignition detection
Digital Output	1 digital output, open drain, 150 mA max drive current
Configurable Input/Output	1 special I/O can be configured as a negative trigger digital input or an open drain output with 150 mA max drive current
Communication Port	1 TTL UART port for upgrading and debugging
Cellular Antenna	Internal only
GNSS Antenna	Internal only
Bluetooth Antenna	Internal only
LED Indicators	CEL, GNSS